

ABSTRACT OF THE DISCLOSURE

A fluorinated polymer having a polydispersity index (Mw/Mn) of 1 to 1.20 ~~1-1.20~~ can be prepared by subjecting an aromatic monomer having trifluoromethyl groups and acid labile groups to living anion polymerization. The fluorinated polymer is suitable for use in chemically amplified resist compositions having sensitivity to ultraviolet radiation.